

## EAST Search History

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| S18 | 24 | (spread\$3 near (code or sequence)) with ((DC near (component or bias)) or DC\$1component)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/12/31 16:41 |
| S11 | 21 | (spread\$3 near (code or sequence)) with ((DC near component) or DC\$1component)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/12/31 16:41 |
| S8  | 12 | S4 and S6 and (DC\$1component or (DC adj component))  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/12/31 16:41 |
| S13 | 8  | ((spread\$3 or PN or pseudorandom or pseudo\$1random) near (code or sequence)) with ((DC near component) or DC\$1component) with ("zero" or without or "not containing" or "not having" or "not") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/12/31 16:36 |
| S12 | 4  | (spread\$3 near (code or sequence)) with ((DC near component) or DC\$1component) with ("zero" or without or "not containing" or "not having" or "not")  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/12/31 16:35 |
| S10 | 21 | (spread\$3 near (code or sequence)) with (DC near component)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/12/31 16:33 |
| S1  | 11 | (suzuki near mitsuhiro).in. and (radio near reception)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2007/12/31 16:05 |

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L33   | 15   | (carrierless or carrier\$1less) near2 (CDMA or spread\$1spectrum or (spread adj spectrum))   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR               | ON      | 2008/01/01 13:32 |
| L32   | 88   | ((carrier\$1less or carrierless or (without near (use or using) near carrier)) or UWB or ultra\$1wide or (impulse near radio) or (impulse\$1radio) or monocycle or mono\$1cycle) and (((spread\$3 or PN or walsh or pseudo\$1random or pseudorandom) near (code or sequence)) with (multipl\$3 or mix) near3 (digital or signal or bit)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR               | ON      | 2008/01/01 13:31 |
| L31   | 7    | ("5677927"   "5812081"   "5832035"   "6026125"   "6121920"   "6497656"   "6504483").PN.  | US-PGPUB; USPAT; USOCR                          | OR               | ON      | 2008/01/01 13:25 |
| L25   | 76   | ((carrier\$1less or carrierless or (without near (use or using) near carrier)) and (UWB or ultra\$1wide or (impulse near radio) or (impulse\$1radio) or monocycle or mono\$1cycle)) and (((spread\$3 or PN or walsh or pseudo\$1random or pseudorandom) near (code or sequence)) same multipl\$3   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR               | ON      | 2008/01/01 12:24 |
| L20   | 144  | ((carrier\$1less or carrierleass or (without near (use or using) near carrier)) or UWB or ultra\$1wide or (impulse near radio) or (impulse\$1radio) or monocycle or mono\$1cycle) same (((spread\$3 or PN or walsh or pseudo\$1random or pseudorandom) near (code or sequence)) same multipl\$3  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR               | ON      | 2008/01/01 12:23 |
| L22   | 52   | 20 and 21  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR               | ON      | 2008/01/01 12:18 |
| L21   | 8880 | (375/130 375/135 375/146 375/238 375/239 375/259 375/219 375/289 375/295 375/147).ccls.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR               | ON      | 2008/01/01 12:18 |